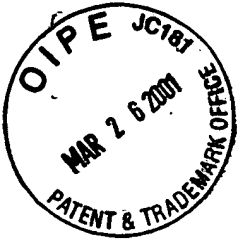


University of Virginia Patent Foundation
Minutes of Board of Directors Meeting
April 5, 1999

The Board of Directors of the University of Virginia Patent Foundation (the "Foundation") met on April 5, 1999, at the Foundation's offices in Charlottesville, Virginia, beginning at 5:05 p.m.



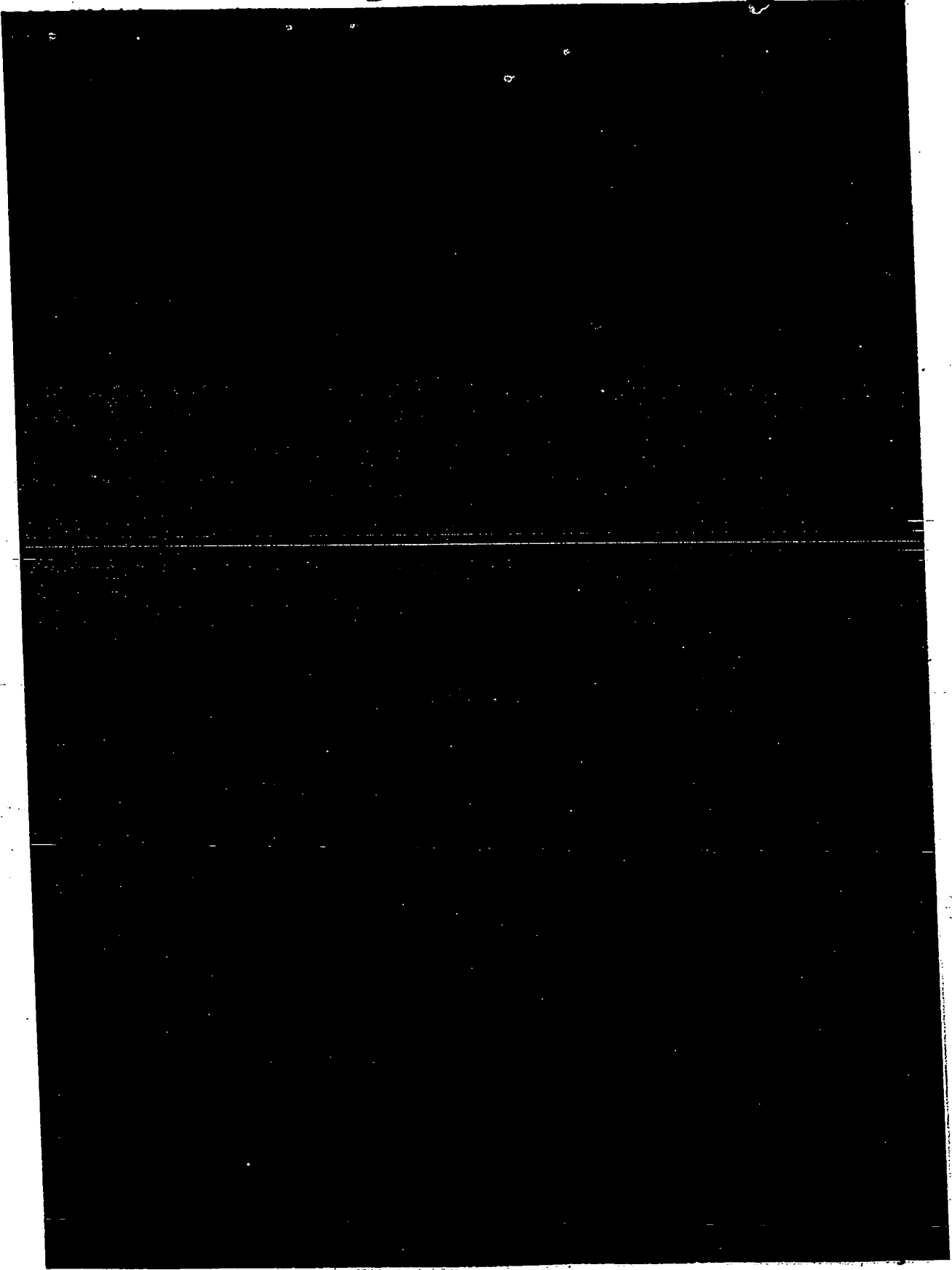
Directors Present: Haydn N.G. Wadley (Chairman), Gene D. Block, Charles E. Hamner, Jr. (by telephone)*, John C. Herr**, Erik L. Hewlett, Thomas C. MacAvoy, and Michael H. Van Vranken (by telephone).

* Mr. Hamner joined the meeting at 5:55 p.m.

** Mr. Herr entered the meeting at 5:20 p.m.

Also Present: Tracey Goyette Cote, Robert S. MacWright, Dave Hudson, and Amy Suffredini.

[REDACTED]



RESOLVED, in accordance with Section 5.01 of the Bylaws, that in-house Patent Counsel are authorized to execute all documents necessary or beneficial for the prosecution of foreign and domestic patents on behalf of the Foundation, including, but not limited to domestic and foreign powers of attorney, assignments to the Foundation, and letters of engagement with outside patent counsel.

Erik L Hewlett

Secretary

**THE UNIVERSITY OF VIRGINIA PATENT FOUNDATION
RESOLUTION FOR ADOPTION BY THE BOARD OF DIRECTORS
APRIL 5, 1999**

RESOLVED, in accordance with Section 5.01 of the Bylaws, that in-house Patent Counsel are authorized to execute all documents necessary or beneficial for the prosecution of foreign and domestic patents on behalf of the Foundation, including, but not limited to domestic and foreign powers of attorney, assignments to the Foundation, and letters of engagement with outside patent counsel.

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